

## REMARKS

The Examiner, Mr. Arana, is thanked for the courtesy extended applicants' attorney during the discussion concerning submission of an amendment under 37 CFR 1.312, noting that the Examiner indicated that, at present, he could not determine whether an amendment under 37 CFR 1.312 would be entered.

By the present amendment, the independent claims have been amended to correct informalities and to clarify features of the allowed claims. For example, in claim 16, applicants inadvertently in previously correcting the claims, did not correct "NRM" to "NMR". Additionally, each of the independent claims in addition to reciting "a preamplifier, arranged in said probe head, for amplifying the NMR signal received by said NMR receiver coil" (emphasis added) recites the feature of "a preamplifier, arranged in said probe head, for exchanging heat between said preamplifier and coolant" (emphasis added). In order to avoid possible ambiguity with respect to the previously recited "preamplifier" and to provide proper antecedent basis for the later recitation in some of the independent claims such as claim 1, line 31 of "preamplifier heat exchanger", the independent claims have been amended to now recite a "preamplifier heat exchanger" (emphasis added) as represented by the "preamplifier heat exchanger 48" as described at page 12, line 22 of the specification. Further, each of the independent claims generally recite the feature of the compressor being capable of being circulating the coolant via the path "consisting of" and reciting particular elements. However, looking to the similar feature of independent claim 1 and independent claim 16, it is apparent that the defined path, as recited, is not necessarily restricted to the recited elements of the path of claim 1 which recite more elements than that of the recited path of claim 16, and which differ from the elements forming the path as described at page 11, lines 9 - 18 of the specification, such that

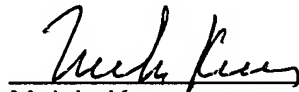
the term "consisting of" may be considered in appropriate, since the elements of the path may vary. Accordingly, by the present amendment, the claims have been amended to utilize the term "comprising" rather than "consisting of".

Applicants submit that the amendment under 37 CFR 1.312 is of a clarifying nature and does not affect the allowability of the claims, such that applicants request entry of this amendment.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 501.43603X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read 'Melvin Kraus', is written over a horizontal line.

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